

FORM PTO-1449 (MODIFIED)	US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket No. IN-5513
LIST OF ART CITED BY APPLICANT <small>(Use sever of sheets if necessary)</small>		In re Application of: Peter BETZ et al.
		Serial No.: 09/914,937
		Filed: September 5, 2001

U.S. PATENT DOCUMENTS							
Examiner initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
CL	AA	5,221,329	06/22/93	Tarr			04/20/92
	AB	5,385,988	01/31/95	Yamamoto et al.			09/22/92
	AC	5,412,016	05/02/95	Sharp			09/14/93
	AD	5,418,264	05/23/95	Obloh et al.			03/03/94
	AE	5,447,998	09/05/95	Grady et al.			04/08/94
	AF	5,670,257	09/23/97	Sakai et al.			12/07/95
	AG	5,760,128	06/02/98	Baltus et al.			12/27/93
	AH	5,973,068	10/26/99	Yamaya et al.			11/06/97
	AI	5,989,687	11/23/99	Li			12/09/97
CL	AJ	6,713,559	03/30/04	Armbrust et al.			02/21/02
	AK						

FOREIGN PATENT DOCUMENTS								
Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Q e	AL	CA2033530	91.07.13	CA				
	AM							
	AN							
	AO							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
Q-e	AP Chemical Abstracts, vol. 84, no. 18, 3 May 1976, Columbus, Ohio; abstract no. 123526w, Page 94; XP002153878; abstract for JP50095388 (Toa Gosei Chem Ind Co., Ltd) 29 July 1975.
	AQ U.S. Serial No. 09/914,545, filed 8-30-01, Betz et al., previously published as WO00/53687.
RL	AR U.S. Serial No. 10/049,532, filed 2-12-02, Armbrust et al., previously published as WO01/16241.
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
DATE CONSIDERED 9/6/04	

*Applicant has modified this form by deleting the word "prior".

518 Rec'd PTO 05 SEP 2001

FORM PTO-1449
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Atty. docket No. IN-5513

09/914937

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In re Application of : BETZ et al.

Serial No.: Herewith

Filed: September 5, 2001

U.S. PATENT DOCUMENTS

Examiner Initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QC	AA	5,262,362	11/16/93	Covino-Hrvacek	501	12	6/22/92
	AB	5,789,085	8/4/98	Blohowiak et al.	428	450	11/4/96
	AC	5,474,811	12/12/95	Reh fuss et al.	427	407.1	5/11/94
	AD	5,605,965	2/25/97	Reh fuss et al.	525	100	11/3/94
	AE	4,268,542	5/19/81	Sakakibara et al.	427	195	1/25/79
	AF	4,675,234	6/23/87	Sachs et al.	428	328	5/17/85
	AG	4,754,014	6/28/88	Ryntz et al.	528	28	2/24/87
	AH	3,639,147	2/1/72	Benefiel et al.	117	73	2/3/70
	AI	3,953,644	4/27/76	Camelon et al.	428	220	12/20/74
	AJ	4,719,132	1/12/88	Porter, Jr.	427	409	4/29/87
QC	AK	5,356,669	10/18/94	Reh fuss et al.	427	407.1	1/23/92

FOREIGN PATENT DOCUMENTS

Examiner Initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
QC	AL	WO 91/13923	19.09.91	EP	C08G	18/08		X
	AM	WO90/01041	8.02.90	EP	C08G	18/08		X
	AN	WO 94/10211	11.05.94	EP	C08F	8/30	X	
	AO	WO 94/10212	11.05.94	EP	C08F	8/30	X	
QC	AP	WO 94/10213	11.05.94	EP	C08F	8/30	X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

QC	AR	English language abstract is provided wit the International Publication WO91/13923					
	AS	English language abstract is provided wit the International Publication WO90/01041					
QC	AT	Bruce M. Novak, entitled "Hybrid nanocomposite Materials--between inorganic glasses and organic polymers," 1993, pages 422-433					
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RC	AA	4,489,135	12/18/84	Drexler et al.	428	423.1	2/18/83
	AB	4,851,460	7/25/89	Stranghöner et al.	523	407	8/18/87
	AC	4,914,148	4/3/90	Hille et al.	524	507	12/11/86
	AD	5,334,420	8/2/94	Hartung et al.	427	407.1	3/13/91
	AE	4,220,679	9/2/80	Backhouse	427	401	4/17/78
	AF	4,246,382	1/20/81	Honda et al.	526	79	11/6/78
	AG	4,576,868	3/18/86	Poth et al.	428	423.1	9/14/84
	AH	4,851,460	7/25/89	Stranghöner et al.	523	407	8/18/87
	AI	4,981,759	1/1/91	Nakatani et al.	428	626	5/2/88
	AJ	5,079,312	1/7/92	Isozaki et al.	525	479	5/11/90
RC	AK	5,726,258	3/10/98	Fischer et al.	526	64	7/1/96

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Examiner Initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
RC	AL	0 594 068 A1 ✓	15.10.93	EP	C09D	201/02	X	
	AM	0 594 071 A1	15.10.93	EP	C09D	201/02	X	
	AN	0 594 142 A1	20.10.93	EP	C08L	57/12	X	
	AO	0 358 153 B1	04.09.89	EP	C09D	143/04	X	
RC	AP	0 354 261 A1	11.08.88	EP	CS08 G	18/50	X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

RC	AR	Entitled "Progress in Organic Coatings, 11/22/93
	AS	
	AT	

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QC	AA	4,746,366	5/24/88	Philipp et al.	106	287.19	5/17/86
	AB	4,895,910	1/23/90	Isozaki et al.	525	326.5	2/29/88
	AC	5,425,970	6/20/95	Lahrman et al.	427	493	5/6/93
	AD	5,516,559	5/14/96	Röckrath et al.	427	407.1	2/3/93
	AE	5,569,705	10/29/96	Vogt-Birnbrich et al	524	591	2/27/95
	AF	5,571,861	11/5/96	Klein et al.	524	591	10/21/94
	AG	5,601,878	2/11/97	Kranig et al.	427	386	6/23/93
	AH	5,654,391	8/5/97	Göbel et al.	528	71	4/20/95
	AI	4,880,867	11/14/89	Gobel et al.	524	507	8/18/87
	AJ	4,914,148	4/3/90	Hille et al.	524	507	12/11/86
QC	AK	5,075,372	12/24/91	Hille et al.	524	839	2/6/87

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Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
QC	AL	WO 94/22969	13.10.94	EP	C09D	133/06		X
	AM	WO 92/22615	23.12.92	EP	C09D	151/08		X
	AN	WO 95/14721	1.06.95	EP	C08F	290/14		X
	AO	2 012 191 A	21.12.78	GB	B2E	1103	X	
QC	AP	2078650	08/24/01	CA	C09D	133/00	X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

QC	AR	English language abstract is provided wit the International Publication WO94/22969
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QC	AT	English language abstract is provided wit the International Publication WO95/14721

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P.C.	AA	5,342,882	8/30/94	Göbel et al.	524	832	7/22/93
	AB	5,368,944	11/29/94	Hartung et al.	428	423.1	2/1/92
	AC	5,576,386	11/19/96	Kempter et al.	526	88	1/28/93
	AD	5,691,425	11/25/97	Klein et al.	525	455	7/2/92
	AE	5,690,569	11/25/97	Ledvina et al.	474	111	3/13/96
	AF	4,945,128	7/31/90	Hille et al.	524	591	2/6/87
	AG	5,965,213	10/12/99	Sacharski et al.	427	475	2/2/98
	AH	6,001,424	12/14/99	Lettmann et al.	427	407.1	6/1/95
	AI	5,716,678	2/10/98	Röckrath et al.	427	407.1	3/26/94
	AJ	5,236,995	8/17/93	Salatin et al.	524	591	3/26/91
P.C.	AK	5,601,880	2/11/97	Schwarte et al.	427	407.1	8/5/94

FOREIGN PATENT DOCUMENTS

Examiner Initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
P.C.	AL	0 424 705 A2	04.10.90	EP	C08F	283/00	X	
	AM	WO 92/17546	15.10.92	EP	C08L	75/04	X	
	AN	WO 91/14514	03.10.91	EP	B05D	7/26		X
	AO	0 394 737 A1	09.04.90	EP	C09D	175/06	X	
P.C.	AP	0249 201 A2	10.06.87	EP	C09D	3/58	X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

P.C.	AR	English language abstract is provided wit the International Publication WO 92/22615
P.C.	AS	English language abstract is provided wit the International Publication WO91/14514,
	AT	

EXAMINER *Quell* DATE CONSIDERED *9/04*

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EC	AA	6,001,915	12/14/99	Schwarte et al.	524	457	9/16/97
	AB	5,691,419	11/25/97	Engelke et al.	525	208	2/1/94
	AC	6,159,556	12/12/00	Möller et al.	427	475	
EC	AD	4,730,020	3/8/88	Wilfinger et al.	524	555	2/27/86
	AE						
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Examiner Initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
EC	AL	WO 97/12945 ,	10.04.97	EP	C09D	5/04	X	
	AM	0 401 565 A1 ,	16.05.90	EP	C09D	5/02	X	
	AN	WO 97/49747 ,	31.12.97	EP	C08G	18/75	X	
	AO	WO 97/49745 ,	31.12.97	EP	C08G	18/08	X	
EC	AP	0 590 484 A1'	22.09.93	EP	C08G	18/08	X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	
EC	AS	English language abstract is provided wit the International Publication WO99/50359 ¹
EC	AT	English language abstract is provided wit the International Publication WO94/22968 ¹

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FOREIGN PATENT DOCUMENTS

Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
<i>EC</i>	AL	0 299 148 A2	13.04.88	EP	C08G	18/08	X	
	AM	WO 96/12747	02.05.96	EP	C08F	285/00		X
	AN	0 038 127 A1	24.03.81	EP	B05D	7/26	X	
	AO	0 276 501 A2	26.09.87	EP	C11D	1/42	X	
<i>ee</i>	AP	WO 94/22968	13.10.94	EP	C09D	133/06	X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>EC</i>	AR	English language abstract is provided wit the International Publication WO96/12747.
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Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
P.G.	AL	WO 82/02387	22.07.82	EP	C08F	2/02	X	
	AM	WO 95/27742	19.10.95	EP	C08F	18/04	X	
	AN	0 320 552 A1	18.12.87	EP	B05D	7/16	X	
	AO	2 012 191 A	21/12/78	UK	B2E	1103	x	
P.V.	AP	2102169	08/24/01	CA	C09D	133/00	X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

P.S.	AR	English language abstract for DE 4328092
	AS	
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							YES	NO
EC	AL	0 523 610	14.07.92	EP	C09D	163/00		X
	AM	0 234 361 A1	06.02.87	EP	C08G	18/08		X
	AN	0 234 362 A1	06.02.87	EP	C08G	18/08		X
	AO	0 708 788 B1	16.06.94	EP	C08G	18/08		X
EC	AP	0 581 211 A1	23.07.93	EP	C08G	18/08		X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EC	AR	English Language Abstract for EP0708788. /
De	AS	English Language Abstract for EP0523610
Pe	AT	English Language Abstract for DE19618657

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Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
Q	AL	0 574 417 B1,	01.02.92	EP	B05D	5/06		X
	AM	0 256 540 A2	15.08.87	EP	C09D	3/49		X
	AN	0 228 003 A1	11.12.86	EP	B05D	7/16		X
	AO	0 089 497 A2 ,	21.02.83	EP	C09D	3/72		X
Q	AP	2073115	08/24/01	CA	C09D	175/14	X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Q	AR	English Language Abstract for DE19912661
	AS	English Language Abstract for DE3903804
Q	AT	English Language Abstract for DE4421823

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Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
RLC	AL	0 069 936 A2 ,	02.07.82	EP	C09D	3/00		X
	AM	0 297 576 A1	30.06.88	EP	C09D	3/72		X
	AN	0 195 931 A1	19.02.86	EP	C09D	3/80		X
	AO	0 554 783 A1 ,	28.01.93	EP	B01J	19/18		X
RLC	AP	0 260 447 A2 ,	15.08.87	EP	C08F	283/10		X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

RLC	AR	English Language Abstract for DE19709465
RLC	AS	English Language Abstract for EP0540884
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							YES	NO
EC	AL	0 584 818 B1	26.08.93	EP	C08G	18/08		X
	AM	0 678 536 A1 ✓	21.04.95	EP	C08G	18/08		X
	AN	0 669 356 A1 ✓	22.02.95	EP	C08G	18/83		X
	AO	0 634 431 A1	13.07.94	EP	C08G	18/12		X
EC	AP	0 008 127 A1 ✓	13.08.79	EP	E21F	17/00		X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EC	AR	English Language Abstract for DE4303570
	AS	English Language Abstract for DE4011045
EC	AT	English Language Abstract for DE4020316 ✓

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Examiner Initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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Examiner Initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Qc	AL	0 596 461 A2	03.11.93	EP	C09D	201/00		X
	AM	0 536 712 A2	07.10.92	EP	C09D	201/02		X
	AN	0 649 865 A1	15.10.94	EP	C08G	18/67		X
	AO	0 522 419 A1	30.06.92	EP	C08G	18/67		X
Qc	AP	0 521 928 B1	13.03.91	EP	C08F	299/06		X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Qc	AR	English Language Abstract for DE3828098
	AS	English Language Abstract for DE4025215
Qc	AT	English Language Abstract for DE4122743

EXAMINER

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FORM PTO-1449
(MODIFIED)US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty. docket No. IN-5513

09/914937

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In re Application of : BETZ et al.

Serial No.: Herewith

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							YES	NO
Q	AL	0 522 420 A2	30.06.92	EP	C08J	3/03		X
	AM	0 596 460 A2	03.11.93	EP	C09D	201/00		X
	AN							
	AO	0 568 967 A2	04.05.93	EP	B05D	3/00		X
Q	AP	0 540 884 A1	03.10.92	EP	B05D	3/06		X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Q	AR	English Language Abstract for EP0604922
	AS	English Language Abstract for EP0584818
Q	AT	English Language Abstract for EP0008127

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Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
P.C.	AL	196 13 547 A1	07.11.96	DE	C09D	5/46		X
	AM	43 03 570 A1	11.08.94	DE	B05D	7/26		X
	AN	34 07 087 A1	05.09.85	DE	C09D	3/82		X
	AO	40 11 045 A1	10.10.91	DE	B05D	7.02		X
P.C.	AP	40 20 316 A1	09.01.92	DE	C09D	183/04		X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

P.C.	AR	English Language Abstract for EP0596461
	AS	English Language Abstract for EP0522420
P.C.	AT	English Language Abstract for EP0596460

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518 Re PCT/PTO 05 SEP 2001

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							YES	NO
P.C.	AL	38 28 098 A1	08.03.90	DE	C08G	77/58		X
	AM	40 25 215 A1	13.02.92	DE	C08G	59/50		X
	AN	41 22 743 C1	26.11.92	DE	C09D	4/00		X
	AO	42 22 194 A1	13.01.94	DE	C09D	5/46		X
P.C.	AP	38 07 571 A1	22.09.88	DE	C08L	83/07		X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

P.C.	AR	English Language Abstract for EP0069936
	AS	English Language Abstract for EP0297576
P.C.	AT	English Language Abstract for EP0708788

EXAMINER

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							YES	NO
<i>P.C.</i>	AL	37 06 095 A1	27.08.87	DE	C08G	77/20		X
	AM	196 18 657 A1	02.01.97	DE	C09D	5/46		X
	AN	199 12 661 A1	18.11.99	DE	C09D	5/03		X
	AO	38 14 853 A1	10.11.88	DE	C25D	13/06		X
<i>P.C.</i>	AP	33 33 072 A1	21.03.85	DE	C09D	3/72		X

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P.C.	AL	39 03 804 A1	23.08.90	DE	C09D	175/06		X
	AM	44 21 823 A1	04.01.96	DE	C09D	175/04		X
	AN	197 09 476 A1	06.11.97	DE	F16H	7/18		X
	AO	197 09 465 A1	17.09.98	DE	B05D	7/26		X
P.C.	AP	28 48 906 A1	17.05.79	DE	C08F	20/18		X

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Re	AL	195 24 182 A1	09.01.97	DE	C08F	212/08		X
	AM	36 28 124 A1	03.03.88	DE	C09D	3/727		X
	AN	28 18 100 A1	09.11.78	DE	B05D	7/18		X
	AO	42 04 518 A1	19.08.93	DE	B05D	1/36		X
Re	AP	WO 99/50359	10.07.99	EP	C09D	5/00		X

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							YES	NO
Rc	AL	2102170	08/24/01	CA	C09D	133/00	X	
	AM	2220465	08/24/01	CA	C09D	5/03	X	
	AN	2104845	08/24/01	CA	C09D	161/00	X	
	AO	2079498	08/24/01	CA	B05D	3/06	X	
Rc	AP	2190286	08/24/01	CA	C09D	167/00	X	

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Examiner initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
RC	AL	2073814	08/24/01	CA	C09D	163/00	X	
RC	AM	2127761	08/24/01	CA	C09D	175/04	X	
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	AO							
	AP							

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